

ABSTRACT OF THE DISCLOSURE

**METHOD FOR GENERATING A BASE BAND SIGNAL REPRESENTATIVE
OF THE TRANSMITTED RADIOFREQUENCY POWER, CORRESPONDING
DEVICE AND TRANSMITTING STATION**

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This invention relates to a method for the generation of a base band signal (V_p) representative of the power transmitted by a transmitting station. This base band signal is used particularly for controlling the transmission power in a transmitting station. According to the invention, a part (S') of the radiofrequency signal S transmitted by the transmitting station is extracted and is then mixed with itself to generate a voltage signal (S'') with at least one DC component. The voltage signal (S'') is then filtered and finally amplified using a logarithmic function.

Fields of application: mobile radio telecommunication systems.

15 FIG. 2